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## PUBLICATION LIST

### *Publications in Refereed Journals (Physics Papers):*

- 1) M.M. Aggarwal *et al.*, WA98 Collaboration, “Search for Disoriented Chiral Condensates in 158 GeV/A Pb+Pb Collisions”, Phys. Lett. B 420, 169 (1998).
- 2) M.M. Aggarwal *et al.*, WA98 Collaboration, “Centrality Dependence of Neutral Pion Production in 158 A GeV Pb<sup>208</sup> + Pb<sup>208</sup> Collisions”, Phys. Rev. Lett. 81, 4087 (1998).
- 3) M.M. Aggarwal *et al.*, WA98 Collaboration, “Systematic of Inclusive Photon Production in 158 A GeV Pb Induced Reactions on Ni, Nb, and Pb Targets”, Phys. Lett. B 458, 422 (1999).
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- 5) M.M. Aggarwal *et al.*, WA98 Collaboration, “Freezeout Parameters in Central 158/A GeV Pb<sup>208</sup> + Pb<sup>208</sup> Collisions”, Phys. Rev. Lett. 83, 926 (1999).
- 6) M.M. Aggarwal *et al.*, WA98 Collaboration, “Central Pb+Pb Collisions at 158/A GeV/c Studied by π-π interferometry”, Eur. Phys. J. C 16, 445 (2000).
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- 11) L. Ahle *et al.*, AGS-E866 and E917 Collaboration, “Excitation Function of K<sup>+</sup> and π<sup>+</sup> Production in Au+Au Reactions at 2 A GeV to 10 A GeV”, Phys. Lett. B476, 1 (2000).
- 12) L. Ahle *et al.*, AGS-E866 and E917 Collaboration, “An Excitation Function of K<sup>-</sup> and K<sup>+</sup> Production in Au+Au Reactions at the AGS”, Phys. Lett. B 490, 53 (2000).
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- 15) K. Adcox *et al.*, PHENIX Collaboration, “Centrality Dependence of Charged Particle Multiplicity in Au-Au Collisions at √s<sub>NN</sub>= 130 GeV”, Phys. Rev. Lett. 86, 3500 (2001).

- 16) K. Adcox *et al.*, PHENIX Collaboration, “Measurement of the Mid-rapidity Transverse Energy Distribution from  $\sqrt{s_{NN}} = 130$  GeV Au-Au Collisions at RHIC”, Phys. Rev. Lett. 87, 052301 (2001).
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- 18) K. Adcox *et al.*, PHENIX Collaboration, ”Transverse-Mass Dependence of Two-Pion Correlations in Au+Au collisions at  $\sqrt{s_{NN}}=130$  GeV”, Phys. Rev. Lett. 88, 192302 (2002).
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- 37) S.S. Adler *et al.*, PHENIX Collaboration, “Bose-Einstein Correlations of Charged Pion pairs in Au+Au Collisions at  $\sqrt{s_{NN}} = 200$  GeV”, Phys. Rev. Lett. 93, 152302 (2004), [nucl-ex/0401003].
- 38) S.S. Adler *et al.*, PHENIX Collaboration, “Double Helicity Asymmetry in inclusive mid-rapidity  $\pi^0$  production for polarized p+p Collisions at  $\sqrt{s} = 200$  GeV”, submitted to Phys. Rev. Lett, [hep-ex/0404027].
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- 44) S.S. Adler *et al.*, PHENIX Collaboration, “Production of  $\phi$  mesons at Mid-rapidity in  $\sqrt{s_{NN}} = 200$  GeV Au+Au Collisions at RHIC”, submitted to Phys. Rev. C, [nucl-ex/0410012].

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- 45) T. Chujo *et al.*, “A gas Cherenkov counter with a timing resolution of 30 ps for relativistic heavy ion Experiments”, Nucl. Instrum. Meth. A 383, 409 (1996).
- 46) L. Carlen *et al.*, “A Large-acceptance Spectrometer for Tracking in a High Multiplicity Environment, Based on Space Point Measurements and High Resolution Time-of-Flight”. Nucl. Instrum. Meth. A 431, 123 (1999).
- 47) J.T. Mitchell *et al.*, “Event reconstruction in the PHENIX central arm spectrometers.” Nucl. Instrum. Meth. A 482, 491 (2002).
- 48) M. Aizawa *et al.*, “PHENIX Central Arm Particle I.D. Detectors”, Nucl. Instrum. Meth. A 499, 508 (2003).
- 49) S.S. Adler *et al.*, “PHENIX On-line and Off-line Computing”, Nucl. Instrum. Meth. A 499, 593 (2003).
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- 2) C.A. Ogilvie *et al.*, AGS-E866 and E917 Experiment, “Au+Au Reactions at the AGS: Experiments E866 and E917”, Nucl. Phys. A 638, 57c (1998).
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- 5) T. Chujo for the PHENIX Collaboration, “Results on Identified Hadrons from the PHENIX Experiment at RHIC”, Nucl. Phys. A715, 151c (2003), [nucl-ex/0209027].
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***Ph.D. Thesis:***

T. Chujo, “Study of Single Particle Spectra and Two Particle Correlations in Au+Au Collisions at 4 – 11 A GeV”, University of Tsukuba (Japan), 2000.